

Case Study: Merion Golf

Custom Pumping and Support System | Strict Space Limitations

Project Type	Packaged Pump System
System	Custom pump package housed inside an outdoor enclosure
Pump Basis	Two 50 HP pumps
Fabrication	FabPro designed and fabricated
Key Requirement	Strict space limitations
Manufacturer	FabPro Systems

Engineering Challenge

Merion Golf needed a complete pumping and support system installed, but their mechanical room did not have enough space to house all required components. The project required a solution that could accommodate multiple pieces of equipment while working within strict space limitations.

FabPro Solution

FabPro designed and fabricated a custom pump package housed inside an outdoor enclosure. The system was engineered to integrate all required equipment into a single compact solution, including:

■ Two 50 HP pumps	■ System controls
■ Air separator	■ Expansion tank
■ Glycol feed unit	■ Chemical feed system
■ Space heater	■ Lighting
■ Single-point power connection with distribution panel	

The layout was designed in Inventor to ensure precise fit, proper clearances, and efficient equipment arrangement prior to fabrication. The completed system was fully assembled and tested in FabPro's facility before shipment.

Build & Delivery

Photos and video captured during final assembly and transport show the completed unit leaving the warehouse floor. This stage highlights the scale of the system, the integrated design, and FabPro's ability to deliver fully assembled equipment ready for installation on site.

Government Infrastructure Ready

System configuration suitable for municipal and publicly funded facilities.

Project Results

The finished system provided Merion Golf with a complete pumping solution without requiring additional mechanical room space. By relocating equipment into a purpose-built outdoor enclosure, FabPro delivered a practical installation that met site constraints while maintaining full functionality and service accessibility.

System Summary

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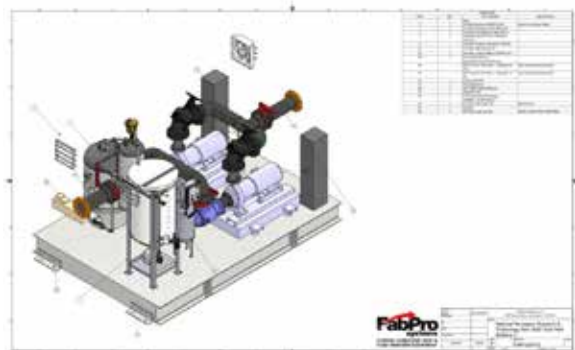
Need a Custom Pump Package?

FabPro Systems designs and fabricates custom pump assemblies, skid packages, and mechanical system bases for commercial and industrial applications. If your project requires a custom fabricated system or BAA-compliant solution, contact our team to discuss your requirements.

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